

## **Abstract of the Invention**

A treemap visualization generator provides treemap visualizations of arbitrary hierarchical data or data structures. The treemaps can be rendered as static images in various formats or can be displayed in applications that provide user interaction, such as zooming into smaller areas of the overall hierarchy. The treemap visualization engine includes a treemap generator object that receives an arbitrary set of hierarchical data from a caller resource and draws a treemap representation of the data onto an object provided by the caller resource. A treemap control object displays the treemap representation in an application. The treemap generator object and the treemap control object include various interfaces that are defined by methods and properties.